

Dryden Monday Management Meeting (DM3)
August 29, 2011

X/Director — David McBride

- Personnel Appointments: Effective today, Mr. Robert Curry is assigned to the Center Director's Office in the position of Center Chief Scientist, and Mike Thomson as Science Mission Director, Code PS.
- Emergency Contact Information – Please make sure you update your emergency contact information in Employee Express. It is very important that this information is accurate in case of an accident or a major emergency. You can access the emergency contact information at <https://www.employeeexpress.gov/DefaultLogin.aspx>.
- Feds Feed Families Food Drive: Our total for the Feds Feed Families Food Drive was 2,341 lbs. **YOUR** contributions made it a great success!!!!!!
- Be SAFE over the three day Labor Day Holiday.

X/Director, Dryden Aircraft Operations Facility (DAOF) – Steve Schmidt

General

- DAOF activities are dynamic – be vigilant and practice situational awareness when working or visiting the facility
- The DAOF Safety Video is available on the Xnet for employees to view.
- B-703 evacuation assembly point is the trailer located in the southwest parking lot
- Orientation and individual safety briefings are available for new and or reassigned employees to the DAOF. Contact Ralph Anton, Etasha Arnold, or Sandy Meske

Construction (for the week of Aug 22-26)

- Multipurpose Lab occupancy continues to wait on fire alarm design approval and testing by L.A. County Fire Department. NASA is looking into Authority Having Jurisdiction (AHJ) granting temporary occupancy approval per NASA-STD 8719.11
- Construction on Cryogenic Storage unit began Aug 8 and is expected to complete by Sept 26

Facility Engineering Support

- The third (50k gal) fuel tank for Fuel Farm is expected to deliver NLT Sept 30
- Mirror Coating Facility service and trouble calls have been initiated to support the operation readiness of the facility
- Facility Engineering is developing a preliminary Facility Requirements Document (FRD) for Airborne Science Lab modifications
- Facility Engineering has submitted procurement package to implement a temporary solution for the Hangar Aircraft Cooling Duct to the Fund's Manager for review and funding approval
- Acquisition activities for upgrade of 20 Ton Overhead Crane was initiated on Aug 16 and award is estimated on or about Sept 23
- DAOF/JPL team has been formed to look at the possibility of using B-702 as a joint storage facility

Flight Operations

- Supported SEB for new Aircraft Maintenance Contract

- Conducted weekly hangar inspection
- Reviewing Code O processes for needed revisions

Safety, Health and Environmental

- Conducted Cryogen Training
- Reviewed PPE requirements for cryogen servicing
- Monitored activities for construction of cryogen storage shed
- Accompanied LA County Fire inspector on inspection of fuel ramp area – no violations
- Reviewed hazard analysis for dry nitrogen gas use in the Pre-flight Integration Facility (PIF)

Quality Assurance

- Performed receiving inspections on aircraft parts for all DAOF aircraft
- Participated in preflight and post flight activities on all DAOF aircraft
- Participated in ongoing Phase Inspection on ER-2 #809
- Participated in engine runs and Laser testing on DC-8
- Witnessed cryogen servicing operations and line ops on SOFIA
- Performed shipping inspection on two parachutes for ER-2

Information Technology

- Installed network cables to support the relocation personnel in SOFIA aircraft area
- installed badge reader combo cables to Lab door locations
- Dropped and prepped badge reader combo cables for Lab 1 and the PIF

Other

- Aug 24 – IP3 Town Hall at the DAOF

Exchange Council — Roberta Sherrard

Upcoming Events:

Save the Date:

Wednesday, September 14, DFRC Shuttle 30th Anniversary

Thursday, September 15, DFRC Employee Appreciation BBQ

Thursday, October 27, Peer Awards Ceremony and Fall Festival/Chili Cook off

Thursday, December 8, Children's Holiday Party

Friday, December 9, Dryden Holiday Party

Mark your calendar:

Saturday, October 1, Six Flags Private Party, 6 P.M. to Midnight – This special Six Flags Magic Mountain event is closed to the public. Only 6000 tickets will be sold. You can purchase your tickets at the DAOF & DFRC gift shop. Tickets for \$24.99 each include admission only. Ticket for \$34.99 each includes admission plus all-you-can-eat buffet meal (cheeseburgers, hot dogs with chili, baked beans, tossed green salad, twin pops and unlimited soft drinks.

Free parking after 5 P.M. - \$5.00 service charge per order - Children 2 and under free

NOTE: (season tickets not honored at this event, no ticket sales at the gate, does not include Hurricane Harbor)

"Picture This" Contest theme for September is "Nature" – Place a photograph on the display board in the entrance to the Dryden Gift Shop. Entry deadline: September 23, 2011 –

this is the last month for the “picture this” contest. Look for the calendar coming out this winter.

<http://xnet.dfrc.nasa.gov/EmployeeInfo/Exchange/council.html>

Other Items of Interest:

Dryden & DAOF Gift Shop Sale, Aug 29 – Sept 2, 20% off all car window sunshades

Employee Discount Providers - Please check the Employee Discounts

<http://xnet.dfrc.nasa.gov/EmployeeInfo/Exchange/discounts.html> for a current list of businesses offering discounts to Dryden employees.

S/Safety and Mission Assurance — Vince Chacon

LAST WEEK:

● **Summary of Incidents during 8/22/2011 thru 8/26/2011**

- An employee strained a groin muscle lifting a 50 lb box.
- An employee strained back muscle while titling a piece of furniture to slide onto a dolly.
- An electrical plug was damaged when an employee pulled away with a cart still attached.

THIS WEEK:

● **Safety Tip: Earthquake Preparedness**

- Teach members of your family about earthquake safety. This includes: 1) actions you should take when an earthquake occurs, 2) the safe places in a room, and 3) places to avoid.
- Stock up on emergency supplies. This includes: battery operated radio (extra batteries), flashlights, first aid kit, bottled water, two weeks food and medical supplies, blankets, cooking fuel, tools needed to turn off your gas, water, and electric utilities.
- Arrange your home for safety: Store heavy objects on lower shelves and store breakable objects in cabinets with latched doors. Don't hang heavy mirrors or pictures above where people frequently sit or sleep.
- Anchor heavy appliances and furniture such as water heaters, refrigerators, and bookcases.
- Store flammable liquids away from potential ignition sources such as water heaters, stoves, and furnaces.

OTHER:

Safety Day - October 26, 2011

Safety Day will consist of a combination of speakers, training, and an engaging “Safety Expo.”

If you would like to participate with a booth/station or would like to provide us with any idea or suggestions for this event, please contact Miriam Rodon-Naveira at

Miriam.M.Rodon@nasa.gov or Denise Cope at Denise.m.Cope@nasa.gov.

● **Aviation Cultural Survey** – scheduled to be sent out from Headquarters next week. If you do not receive your survey or have any questions about the survey, please contact Bart Henwood at extension 5746.

● **Aviation Quarterly Safety Meeting** scheduled for September 12 in the ISF, 2:00 p.m. to 3:30 p.m. This is a combined aircrew and maintenance session.

• Quality and Safety Achievement Recognition (QASAR) Awards: Request for Nominations Due September 16, 2011

Nominations for the QASAR Award which promotes quality, safety, leadership, productivity, performance, teamwork, and improvement throughout NASA are requested. Information regarding the QASAR categories, requirements, and timeline is available on the Xnet.

Additional questions may directed to Miriam Rodon at extension 3647.

• Kudos

Congratulations to Safety Star recipient:

- Darryl Lott, Code OR, for keeping a thorough safety inspection log and coming along with inspectors on a recent facility inspection

F/ Office of Facilities Eng. & Asset Mgmt. — Dan Crowley

LAST WEEK:

Major Issues that Were Corrected Last Week:

- B4800 - Chiller #2 Repair, received NTP; repairs scheduled to resume this week.
- **After Hour Responses and Weekend Callouts:**
 - B703 - Commercial Power Outage, caused by lightning, occurred on Saturday, 8/27/2011 at 2:30 PM. Power was restored and Fire, Electrical, and HVAC systems were returned to normal at approximately 10:15 PM. POC Dan Eason x2078
 - DFRC Center-wide - Commercial Power Outage and Code Yankee, due to adverse weather conditions, occurred on Saturday, 8/27/2011 at 3:54 PM. HVAC, Fire, and Electrical systems were returned to normal at approximately 8:30 PM. POC Dan Eason x2078
 - B703 - HVAC Chiller Shutdown due to SIEMENS fault occurred on Sunday, 8/28/2011. Chiller was restarted at approximately 8:00 PM. POC Dan Eason x2078

THIS WEEK:

- Dan Crowley is out of the office this week
- **Outages and Closures:**
 - B4826 - Audible fire alarm testing is scheduled for Monday, August 29, 2011 from 4:00 PM – 7:00 PM. POC Brandon Bychek x5974
 - B4830A-E - Install new circuit breaker in kitchen scheduled for Wednesday, August 31, 2011 from 4:00 PM – 5:00 PM. Electricity will be out to entire building. Communications will be out in B4830 A-E. POC Brandon Bychek x5974
 - B4856 - Replace 100 amp circuit breaker is scheduled for Friday, September 2, 2011 from 4:00 PM – 8:00 PM. Electricity will be out to the entire building. POC Brandon Bychek x5974
 - B4840 Rooms 222, 224, 235 and 236 - Inergen fire suppression outage, to install IT cabling, is scheduled for Wednesday, August 31, 2011 from 8:00 AM – 12:00 Noon. Fire Alarm Pull Stations and Fire Sprinkler Systems will remain active and in service. POC Brandon Bychek x5974
 - B4820 3rd floor - Domestic water outage is scheduled for Thursday, September 1, 2011, from 9:00 AM – 1:00 PM. POC Mark Nelson x7090

- **Hangar Doors:**
 - B4820 - Repair and recertification of hangar door is scheduled for Friday, September 2, 2011. POC Brandon Bychek x5974
 - B4840 - Recertification for hangar door, serving Bays 4-6, is scheduled for Friday, September 2, 2011. POC Brandon Bychek x5974
- **Trouble Calls:**
 - B4840 - Exterior elevator is out of service. POC Brandon Bychek x5974
- **Property Inventory:**
 - FY11 Physical Inventory Update:
 - As of August 25, 2011, there are a total of 80 of 7,800 items unaccounted for, at a cost of \$651,678. POC Jean Manning x2590
- **Energy Management:**
 - Siemens is on site conducting building assessments on Monday, August 29. POC John Torres x3739

PA/Aero Projects — Joe Piotrowski

Aeronautics Test Program (ATP)

Flight Operations and Test Infrastructure (FOTI)

- General: Asset managers working support cost estimates with customers. Working with ATP HQ to determine any impacts to FOTI operations from the FTE re-alignment proposals.
- F-15D TN 897: Code O working an MOA to provide chase and target support to AFFTC projects.

Fundamental Aeronautics Program (FAP)

Hypersonics (HYP)

- Structurally Integrated Thermal Protection Systems (SITPS): The shear test design concept is nearly completed. An internal review will follow.
- Hypersonic Technology Vehicle-2 (HTV-2): The HTV-2 Flight 2 was conducted on August 11. The vehicle successfully separated from the booster and entered the mission's glide phase, but again lost contact with control about nine minutes into its planned 30-minute Mach 20 glide flight. DARPA has convened an engineering review board to assess the flight. DFRC representatives will be attending a meeting this week at Lockheed in Valley Forge, PA to develop the go forward plan with the flight data and support of the review board.

Supersonics (SUP)

- General: The Version 0 FY12 (technical) discipline plans were populated by the SUP TLs. The Dryden FY12 SUP implementation plan is still being developed by the DPMF.
- Channel Center-body Inlet Experiment (CCIE): Planning test flights for this week.
- Superboom Caustic Analysis & Measurement Project (SCAMP): The flight reports were completed, signed, and posted to MARS.
- Waveform & Sonicboom Perception & Response (WSPR): EAFB human subject recruitment stands at 58 base housing residents. A flight test using a support F/A-18 to generate approximately 6 low booms is scheduled for this week to conduct a pre-test of the data collection procedures using Dryden volunteers. The pre-test will verify

that the data collection technologies execute correctly and help to identify potential trouble-spots in question wording or response categories.

- Airborne Schlieren Imaging System (ASIS): A revised ORD is being developed for the next effort to successfully complete the demonstration of the air-to-air Schlieren technique. The ASIS pod is being evaluated in the laboratory environment for proper functionality. (This effort was formerly referred to as Air-to-Air Schlieren).

Aviation Safety Program (AvSP)

Vehicle Systems and Safety Technologies (VSST)

- General: FY12 Task Plans are in work. No plans to use the F-18 TN 853 in FY12 or 13.
- Vehicle Integrated Propulsion Research (VIPR): Preparing for CDR on August 30.

Integrated Systems Research Program (ISRP)

Environmentally Responsible Aviation (ERA)

- Discrete Roughness Element Laminar Flow Glove Experiment (DRE LFGE) and Adaptive Compliant Trailing Edge Flap (ACTE): Significant progress was made in the effort to review and re-plan the projects. The team is on track to complete the review and re-plan by September 6.
- X-48B: The new, repaired engine core experienced a turbine blade failure earlier this week. The engine has been sent back to JetCat and a replacement engine is planned to arrive this week. The team has started assembly the X-48B+ (X-48 with the center turbo-fan engine) for flight tests. We expect the flight test to be conducted in mid to late September. The team continues V&V testing of the updated software in preparation for the upcoming flight tests.

Unmanned Aircraft Systems (UAS) Integration in the National Airspace System (NAS)

- Integrated Test and Evaluation (IT&E): Continued refining its task plans for the design and development of the Live Virtual Constructive (LVC) simulation and flight test environment. IT&E is preparing to host a center visit by the Human Systems Integration (HSI) Teams from Ames and Langley this week.

Non-Aeronautics Test Program (N-ATP) Research Aircraft & Infrastructure

- F-18 TN 853: Aircraft is airworthy. Work beginning on TCAS installation. Plan to use the aircraft for limited proficiency and chase operations in the first quarter of FY12. No ARMD work planned for the aircraft in FY12 or 13.

AMD Upcoming Events:

- Aug 25: ACTE flap Prototype 2.2B transition surface testing of the FOSS system
- Week of Aug 29: HTV-2 team members attending a meeting at Lockheed in Valley Forge, PA to develop the go forward plan for supporting the engineering review board.
- Aug 29: IT&E will host a site visit by the HSI Teams from Ames and Langley.
- Aug 30: VIPR CDR
- Aug 30 – Sept 1: [UAS] ARC & LaRC HSI Teams visiting DFRC.
- Aug 31: WSPR flight test using a support F/A-18 to conduct a pre-test of the data collection procedures with Dryden volunteers.

PE/Exploration Projects — John Carter

- 8-23 Meeting with SNC to discuss Dream Chaser flight test went very well. Good initial discussions of Airworthiness, Engineering support, FTS systems, F-18 853 for pilot

training, possible loan of F-5 gear off X-34 for ETA vehicle, DFRC membership on SNC IPTs, Range support, and test operations

OCT Flight Opportunities Program

- Expect the awards for the Suborbital Flight and Payload Integration Services Contract to be in place by next week.
- Parabolic (Zero-G) flights this week out of Ellington. Four selected payloads flying.
- John Kelly will be attending a Sept 7 Suborbital Workshop at GSFC.

Multi Purpose Crew Vehicle (MPCV) program

Last Week:

- The final decision was made to move the Ascent Abort – 2 (AA-2) launch site from the White Sands Missile Range (WSMR) to the Cape Canaveral Air Force Station (CCAFS) Launch Complex – 46 (LC-46) launch facility at the Directors Program Management Council (DPMC) at NASA Headquarters on Aug 23.
- Work was started on the Disposition Plan for Pad Abort – 1 (PA-1) and Other Orion Equipment at Dryden and at the WSMR Launch Complex – 32 East (LC-32E) Launch Facility.
- A Table Top Review (TTR) of the AA-2 Facilities Requirements Document (FRD) for the facility modifications to the Launch Complex – 46 (LC-46) launch facility at the Cape Canaveral Air Force Station (CCAFS) was held on Aug 25.

This Week:

- The decision to move the Ascent Abort – 2 (AA-2) launch site from the White Sands Missile Range (WSMR) to Launch Complex – 46 (LC-46) at the Cape Canaveral Air Force Station (CCAFS) will be further briefed at NASA Headquarters and a press release prepared for when the Letter Of Intent (LOI) for use of the LC-46 facility is submitted to Space Florida.
- Work continues on the Statement Of Work (SOW) for the Abort Test Booster (ATB) for the transition from the Air Force Sounding Rockets Program – 2 (SRP-2) contract to the SRP-3 contract. The SOW is being written based on the ATB FY12/FY13 Tasks Letter which, was previously submitted to the Air Force, which was for the minimal \$2M per year ATB effort. The ATB is being transitioned from the SRP-2 contract to the SRP-3 contract due to the SRP-2 contract hitting its total cost ceiling. In addition to the ATB several Department of Defense (DoD) projects are grouped under the SRP-2 contract, and while the AA-2 launch was being postponed the DoD projects used up the total cost ceiling for the contract. A separate contract action will be started for the ATB ramp-up for a Mar 2014 AA-2 launch if the decision is made to delete OFT-1 and move directly to AA-2.
- Work continues on the Disposition Plan for Pad Abort – 1 (PA-1) and Other Orion Equipment at Dryden and at the WSMR Launch Complex – 32 East (LC-32E) Launch Facility. The Disposition Plan is due to the Orion Flight Test Management Office on Sept 7.
- The AA-2 Facilities Requirements Document (FRD) for the facility modifications to the LC-46 launch facility at the CCAFS will be delivered in Draft form to Space Florida on Aug 29. After getting comments from Space Florida, the FRD will be baselined at an Orion Configuration Management Team (CMT) meeting on Sept 2.

UPCOMING EVENTS

Aug 15 AA-2 Facilities Requirements Document (FRD) Submitted to Space

	Florida for the CCAFS LC-46 Launch Facility
Aug 15-17	Radiation Testing of OFT-1 DFI Power Supply Module at the Indiana University Cyclotron Facility
Aug 29	Parabolic flight campaign at Ellington Field, Houston, TX. AA-2 Facilities Requirements Document (FRD) Submitted to Space Florida for the CCAFS LC-46 Launch Facility
Sept 2	AA-2 FRD Baselined at Orion CMT Meeting
Sept 7	John Kelly to GSFC for Earth Sciences Commercial Suborbital Vehicles Workshop.
Sept 13-14	Site Visit to the LC-46 Launch Facility
Nov 17	OFT-1 PTR-3

PS/Science Projects — Bob Curry

ON-SITE THIS WEEK

Global Hawk

- KQ-X Flight Readiness Review, Aug 29-31 in the ISF
- Hurricane and Severe Storm Sentinel (HS3) scientists are on-site at DFRC and their instruments are installed on TN872. A range flight is scheduled for Sept 1
- The Global Hawk Mobile Operations Facility (GHMOF) is located behind Building 4840 and undergoing checkout.

DC-8

- Methane Sounder instrument assessment flights were completed last week and so the aircraft is undergoing maintenance and other preparations for Operation Ice Bridge

ER-2

- TN 809 – extended maintenance
- TN806 – AirMSP has been re-integrated for local flights, 2 proficiency flights also scheduled for this week

G-III (C-20) UAVSAR

- Aug 29, 2011 – C-20 Sacramento Delta Tidal Study local mission (2 sorties)

UPCOMING EVENTS:

- DC-8
 - Oct/Nov: Operation Ice Bridge deployment
- G-III (C-20) UAVSAR
 - November 2: Soil Moisture local mission coordinated with ER-2
- ER-2
 - November 2: Soil Moisture local mission coordinated with G-III (C-20)
 - Mid-January - Feb: Expected time frame for MR-TCDL flights, local flights only, no deployment
- Global Hawk
 - September: HS3 payload development flights (in EAFB range)
 - October: ATTREX payload development flights (in EAFB range)
 - Aug 2012: HS3 Wallops Flights

OS/Shuttle Operations – George Grimshaw

- Shuttle assets including facilities are still being used by the Shuttle Program in support of transition and retirement activities. They will be turned over to the Center for disposition during the next couple of years. Disposition activities are being managed by Code F, who will notify the Center as Shuttle assets become available for use by other organizations.

LAST WEEK:

- Shuttle transition and retirement.
- Lockheed Martin moved from buildings 4845 and 4863 to building 4844.

THIS WEEK:

- Shuttle transition and retirement.

NEXT WEEK:

- Shuttle transition and retirement.

UPCOMING ACTIVITIES:

- Shuttle transition and retirement.

X/SOFIA — Eddie Zavala

This week:

- Several instrumentation attachment clips separated from their attach point on the back of the Primary Mirror, removing a small chip of glass from that portion of the mirror. Initial analysis indicates that thermal stresses due to the difference in coefficients of thermal expansion between the attachments and the mirror during extended flights with the Cavity Door open are the cause. As a result, the aircraft will not be flown until the analysis of the problem is complete.
- This week's avionics checkout and aircraft performance flight as well as next week's SCAI flights have been deferred to allow time to assess the problem.

This week:

- ORR for Germany Deployment will be held on August 31, 2011.
- Remove HIPO and FLITECAM on August 30, 2011.
- Experts will be inspecting mirror and reporting back to Program Office

Future Events/Items of Interest:

- 9/6/11 – Install GREAT
- 9/7/11 – MCCA delta PDR
- 9/12/11 – Active Mass Damper Control System CDR
- 9/13/11 – Vacuum Pump Subsystem Requirements Review
- 9/15/11 – SOFIA deploys to Germany
- 9/18/11 - SOFIA Aircraft at German Aerospace Day in Cologne
- 9/19 to 9/23/11 - Astronomische Gesellschaft (AG) Conference in Heidelberg, Germany
- 9/22 to 9/23/11 - SOFIA Aircraft stopover to Joint Base Andrews
- 10/14 to 10/17/11 - SOFIA Aircraft Visit to Ames Research Center
- 10/21/11 – California Science Teachers Association (CSTA) tour of SOFIA at DAOF

Z/Program Planning Office — John Del Frate

TMB:

- Ikhana DB-110 – M. Rivas
- Global Strategic Solutions - J. Del Frate

PMB:

- None

On-Site this week:

- 31 August 2011 S. Edrington, General Atomics Ikhana Program Manager – M. Rivas
- 30 August 2011 Zee Aero, Ilan Kroo, Eric Allison – J. Del Frate

Off-Site this week:

- None

Upcoming:

- Lockheed ADP visit in Palmdale Wednesday September 7. Dryden visitors will include: David McBride, Dennis Hines, Patrick Stoliker, Brad Flick , Dave Voracek, John Del Frate, and Tony Ginn,

Code Z / Reimbursable Projects

Automatic Collision Avoidance Technology (ACAT)

This Week:

- The Small UAV tech brief is scheduled to be held on Tuesday.

Next Week:

- An ACAS Technical Interchange Meeting and Test Planning Working Group will be held in Ft Worth, TX, September 7-8.

Upcoming:

- An ACAT brief the JDPO in Washington, DC, is planned for September 21.

Ikhana

This Week:

- The new General Atomics project manager for NASA, Mr. Scott Edrington, will visit DFRC next week on Wednesday. We will be introducing him to DFRC and discussing upcoming Ikhana work.

Next Week:

Upcoming:

- A site visit to Eielson AFB in Fairbanks is being planned for the week of September 12. Eielson is the planned staging site for MIZOPEX operations.
- A Mini-Tech brief to provide management insight following the lost link incident will be scheduled at a time/date TBD in the future. No flights will be performed prior to this Mini-Tech brief.

Boeing Phantom Eye

This Week:

- A Phantom Eye Fueling Operations Planning Review with the Chief Engineer will be held on Thursday. Tech Brief Committee members are welcome but not required.

Next Week:

- The Phantom Eye Fueling & Engine Run Tech Brief is scheduled for Thursday, September 8

Upcoming:

- The first Phantom Eye Fueling and Engine Run is planned for September 14-15

Small UAS

This Week:

- AeroVironment will have both Shrike and Switchblade ops Aug. 30- Sept. 2, 2011

Customer Satisfaction:

The recently approved DOP-X-007, Customer Satisfaction Assessment describes the process of collecting, analyzing and acting on DFRC customer feedback . Program Directorate and Project Manager Responsibilities are detailed within the DOP and all are urged to participate by forwarding their customer's feedback and Corrective Actions to Starla Carroll. The types of feedback needed are:

- Customer's E-mails - to include ones received from customers in recent months
- Customer's verbal comments from face-to-face meetings
- Conduct Customer Surveys
 - Online surveys - link to send to customers
<https://www.surveymonkey.com/s/7S9MNKF>
 - Telephonic surveys . (DFRC has a prepared one for your use.)
- Positive and negative feedback received from customers

Everyone's cooperation is most appreciated and necessary in order to correct previous NQA audit findings. Please provide monthly and quarterly reports to your Mission Directorate and address any questions you may have to Starla Carroll.

B/Project Support Office – **Rob Binkley**

MAJOR EVENTS:

- Networking and Pipeline efforts will put on hold effective immediately. PSO and Core Team will be offsite working on standardizing processes.

MEETINGS OFFSITE:

- PSO and Core Team will be at the AERO Institute through September 9.

OTHER ITEMS OF INTEREST:

- For Help with ConWeb Issues, Please Contact:
 - x7766 or email us at: dfrc-project-support-office@mail.nasa.gov
 - Concerto Web Site: <https://ccpm.ndc.nasa.gov>

R/Research Engineering — **Brad Flick**

THIS WEEK:

- Al Bowers' presentation at TEDxNASA was written up in the Aerotech News.
<http://www.aerotechnews.com/local/People/NASA-leaders-share-ideas>
- The DFRC Flow Visualization Facility (a.k.a the Water Tunnel) will be filmed Mon-Tue this week. Rick Crosslin from the Indianapolis Children's Museum will be here to incorporate Dryden's history and capabilities into their curriculum.

- Clif Wilmer/Wyle will be here Mon and Tuesday this week to install boom-recording software on individual iPhones for testing in preparation for the upcoming WSPR (Waveform and Sonicboom Perception and Response) flights.

Innovative Partnerships Office (IPO)

- Rolling Hills Research Corporation will be onsite Tuesday to deliver their MEMS sensor based flow separation detection system developed under the SBIR Program. A demonstration of this system will in the RI Lab (4800/1405) Tuesday Morning (approx 10am pending their arrival). POC: Ron Young x3741

OTHER:

- RA welcomes Paul Dees, who is beginning his first term as a NASA co-op.

O/Flight Operations — David Wright

THIS WEEK:

- 502 GIII, UAVSAR, Mon.
- 872 Global Hawk, Dropsonde, Thu., Fri.
- 806 ER-2, AirMSPI, Tue., Wed., Thu.
- 852 F-18, WSPR, Wed
- 897 F-15, F-18 B-1 Chase, Thu., Fri. b/u

C/Office of Chief Financial Officer — Val Zellmer

Description

Cutoff Date

Cutoff Dates for Bankcard Transactions

Credit Cards Closed for Purchases Using Expired Funds

September 6, 2011

Credit Cards Closed for CAS Funds

September 6, 2011

Entries in Bankcard Order Logs (Outside Procurement)

September 27, 2011

Cutoff Dates to Submit Documentation to NSSC

Training Forms (SF182) Unexpiring funds

September 13, 2011

Expiring funds

September 13, 2011

Training Receipts

September 19, 2011

Cutoff Dates to Submit Documentation to Code A

(In order to complete the procurement by fiscal year end, a complete PR package must be Received by the indicated date.)

Funding Actions

September 28, 2011

Grants and Cooperative Agreements

August 31, 2011

Purchase Orders (<25K)

September 9, 2011

Purchase Orders (>25K to \$150K)

August 5, 2011

GSA SEWP(GWAC Orders)

August 5, 2011

MIPRS(Interagency Agreements)

August 31, 2011

FY11 Option Exercises (for services on or after Oct 1, 2011)

September 16, 2011

New Task Orders on existing single award IDIQ contracts

August 12, 2011

Non-Competitive Awards reserved for 8(a) Small Business

Augusts 12, 2011

New Work Contract Mods (\$100K to \$1M)	July 15, 2011
New Competitive Procurements (\$100K to \$1M)	July 15, 2011
New Work Contract Mods (\$1 M to \$10 M)	Contact PO or DPO
New Competitive Procurements (\$1M to \$10M)	Contact PO or DPO

NOTE Code A dates are for guaranteed processing. Actions will continue to be accepted Through September 30th, but are not guaranteed to be completed if received after advertised Date

Cutoff Dates to Submit Documentation to NASA DFRC

Vendor Invoices to guarantee payment	September 23, 2011 (COB)
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Cutoff Dates to Submit Documentation to CF

Approved Invoices	September 23, 2011 (COB)
Approved Travel Vouchers with hardcopy of receipts (NSSC will not make payments the last four days of the month)	September 14, 2011 (COB)
Pre-Travel Questionnaires	No deadline
PCS Vouchers to NSSC with receipts and approvals (NSSC will not make payments the last four days of the month)	September 2, 2011
Foreign Vouchers to DCTO with receipts and approvals	September 16, 2011 (COB)
Extended TDY Vouchers to DCTO with receipts and approvals (COB)	September 14, 2011
Type II Adjustments for Labor (WBS Changes Only)	September 21, 2011
Awards entered and processed through NAS	August 19, 2011

Cutoff Dates to Submit Documentation to Code CR-CBO

Reimbursable order Packet	September 23, 2011*
Reimbursable Fund Adjustments	September 23, 2011*
FY11 Funds Cutoff for Labor	PPE August 19, 2011

Closure of Systems

SAP	September 30, 2011 10:00pm PT
NAMIS	September 27, 2011 7:00pm PT
IAM/Capital Assets	September 30, 2011 8:30pm PT

TRAVEL

- JP Morgan Chase travel cards will be expiring soon
- New cards will arrive 2 to 3 weeks prior to expiration date
- Will be mailed to address in JPMC system, if you are concerned about what address you have in the system questions should be directed to Chris Johnson X3605 or Tiffany Scott X7415
- Please activate the card when you receive it
- *Fedtraveler profiles will need to be updated with the new card information (Exp Date)*
- Contact Tiffany Scott or Chris Johnson if you need help updating your profile

FedTraveler.com now offers Approvers the convenience of approving travel documents using a mobile device.

In order to access the Mobile Approvals web site you must:

1. Be a member of an Agency that allows its users to access the mobile site.
2. Be a FedTraveler.com user with Approval authority.
3. Have previously registered with the FedTraveler.com main site.

² *Accessing the Mobile Approvals Web Site*

To access the Mobil Approvals web site:

- Launch your mobile web browser and navigate to **m.fedtraveler.com**.
- On the **Approver Login** screen, enter your **Member ID** and **PIN** and select the **Log in button**.

*If you forget your PIN, enter your Member ID and select the **Forgot Your PIN?** option and enter the required information on the **Refresh Your PIN** screen.*

- On the **Official Notice** screen, select the **Agree button**.

The site authenticates your credentials and accesses your Approval Desktop.

*You can also access the **Support Center** and **About This Site** screens by selecting these options on the **Approver Login** screen.*

WebTADS

- Blackberry and iPhone users can download the WebTADS App for mobile use
 - User can fill out timecards and approvers can approve timecards with their phone
 - WebTADS Mobile
- Using your mobile device navigate to the NEACC AppStore @ <https://appstore.neacc.nasa.gov>, download the latest NEACC Provisioning Profile, and then download the latest WebTADS Mobile application.

H/Human Resource Management, and Dev Office — Patsy Smith

Vacancies: <http://xnet.dfrc.nasa.gov/Organizations/HumanResources/vacancies.html>

Co-Op for Fall 2011

Dryden would like to welcome our five new Co-Op students.

- Code RC – Casie Clark
- Code RA – Paul Dees
- Code MI – Ethan Nieman
- Code ME – Lucio Ortiz
- Code OE – Stewart Jacobs

ATTENTION USAJOBS ACCOUNT HOLDERS: OPM will implement its new USAJOBS 3.0. website effective October 14th, 2011. This will result in USAJOBS shutting down during the period of October 6-13, 2011. There will be no access to the USAJOBS website during this time. NASA STARS will be down during this time as well. This will prohibit all activities within the system to include issuing and receiving referral certificates, processing applications, and using any other STARS search and reporting tools. As a result of the downtime, there will be no NASA vacancy announcements open during this time except for our agency-wide announcements to 10-point Veterans and Individuals with Disabilities. The new USAJOBS will have stronger security requirements than the current USAJOBS, and will require anyone with a USAJOBS account to establish a new password following the transition. The easiest way to establish that password in October will be by responding to the established security questions in your USAJOBS account. Account holders are encouraged to set up security questions now.

How to Establish USAJOBS Security Questions

1. Go to the USAJOBS homepage: www.usajobs.gov and sign in using your current Username and Password.
2. Once in My Account, click Edit Profile.
3. Click or scroll down to Account Information.

4. Select questions and answers unique to you.

5. Click SUBMIT at the bottom of the screen.

- **Feds Feed Families Food Drive:** POC - Aaron Rumsey x 3312. Our total for the Feds Feed Families Food Drive was 2,341 lbs. Last year's was 1,305 lbs; so **YOU** made it a great success!!!!!! A special thank you to SCSC for their significant contribution last month!!! Thank you to all who gave and to all who had a desire to give but had it not to give. Even though times are tough, the Dryden family has truly come together and given from their hearts to help many less fortunate families. On behalf of the Grace Resource Center, I want to say **THANK YOU !!!**

TRAINING:

AERO Institute: APPEL-REQ-#33 – November 1-3, 2011 - This three-day course provides a firm foundation for the development and management of a project's product requirements. This course presents the participant with best practices that, when incorporated into the requirement development and management process, will help a project team develop a winning product—one that delivers what is needed, when it is needed, within the projected costs and with the expected quality. Register in SATERN.

J/Security Office — John Zellmer

- **October 13, 2011/ 0900-1100hrs – DFRC Emergency Operations Center (EOC) Exercise** – Exercise objectives: **1)** activate/staff the EOC, **2)** manage the initial response to a major earthquake event [to include developing the initial Incident Action Plan (IAP)], and **3)** review the Center's strategy for the 72 hours following a major earthquake event.

K/Education Office — Russ Claughton

- August 29, 2011 - Amy Scott-Williams, Higher Education Lead, will facilitate orientation for three new college interns; Lianne Lewis, Adan Phun, and Michael Jermann. Representatives from offices throughout Dryden will brief interns on safety and resources, followed by a facilities tour with Lisa Mattox, New Employee Liaison.
- August 29, 2011 - September 1, 2011 - Russ Claughton, Director of Education, will travel with six local teachers and school administrators to Texas to visit a total of eight Texas STEM academies and magnet school programs in the Austin, San Antonio & Houston area. The purpose for the trip will be to determine best practices in STEM education which can be used in the development of local STEM education initiatives in support of NASA's Summer of Innovation sustain engagement opportunities for students in 4th- 9th grade.
- August 30, 2011 - Russ Billings, Pre-College Programs Manager, and Alexis Harry, Aerospace Education Specialist, will provide a brief NASA education programs overview to school leaders from the Santa Clarita Valley Education Foundation at the Saugus District Union Office from 8:45PM- 9:15PM in Santa Clarita, CA. This foundation includes the following school districts: Newhall, Sulphur Springs Union, Saugus Union, Castaic Union and William S. Hart Union.

T/Public Affairs and Commercialization — Kevin Rohrer, Acting

Last Week

*** Media products produced, issued or posted**

- Photo feature, NASA Shuttle Training Aircraft to be Retired at Dryden, posted 8-22.
- Feature, STS-135 astronauts visit Dryden, posted 8/23.
- Feature, Boy Scout honored for shuttle simulator work at TNOTS, posted 8/24.
- Feature story, Dryden & space shuttle series, Shuttle tire / runway tests on CV-990 to Web for posting, 8/25.

- Posted to Facebook and Twitter

- Dryden pilots Hernan Posada, left and Mark Pestana took Dryden's Beechcraft B-200 to Travis Air Force Base.
- Boy Scout Mario Fernandez was honored recently by NASA's Dryden Flight Research Center and the City of Palmdale, Calif
- Final Shuttle Crew Recaps Mission for Dryden Staff
- This Week in Dryden's History - August 22, 1963 - Joe Walker reached 354,200 feet in X-15 #3

- Shuttle Training Aircraft Arrives at NASA Dryden
- NASA Airborne Sensor Helps Fire Crews Battle Flames
- Dryden Hosts Ames, Marshall, Glenn Center Directors
- Lancaster JetHawks honored retired astronauts Fred Haise and
- Gordon Fullerton (right, waving), pilots Fitz Fulton and Tom McMurtry at Aerospace Night.
- Pilot, astronaut, scholar, businessman, role model... Fred Haise is the quintessential American Hero.
- Dryden pilots Hernan Posada, left and Mark Pestana took Dryden's Beechcraft B-200 to Travis Air Force Base for air show, with link to blog, posted 8/24.

- Facebook stats

- NASA's Dryden Flight Research Center
- 1,615 monthly active users
- 2,260 people like this
- 66 wall posts or comments this week
- 181 visits this week

*** Media on site**

- STS-135 astronaut crew visit to Dryden, 8/23, 24 persons representing 16 media outlets:
- Aerotech News & Review, Ray Jaffe.
- Antelope Valley Press, Allison Gatlin
- Associated Press Photo, Reed Saxon
- AV News Today On-Line, Fran Paolinelli
- CNC News / City Newscasts, Jonathan Chance, Christina Sidrow, Tyler Knowles
- Desert Wings, Edwards AFB, Diane Betzler, Kenji Thuloweit
- KNX Radio website, Matt Hartman
- KABC-TV, Ch. 7, Los Angeles, Stephen Coleman
- KBAK-TV 29/KBFX-TV 58, Bakersfield, William Gooch
- KCAL-TV 9/KCBS-TV 2, Los Angeles, Daisy Ratzlaff
- KTTV-TV 11, Los Angeles, Bob DeCastro, Charles Rozner, Steve Newland, Tommy Aragon
- KUZZ Radio, Bakersfield, Scott Thackrey
- La Opinion, Los Angeles, Ruben Moreno-Rodriguez
- Los AngelesDaily News, David Crane, Dana Bartholomew

- Tehachapi Loop, Robert Lugibihl
- Time Warner Cable Ch. 3 SoCal News, Palmdale, Ryan Todd, Keli Moore

This Week

- * 8/29 -30, Escorting 4 visitors from the Indianapolis Children's Museum. They will be filming for PBS at the fluid tunnel and doing some career interviews up at video. POC: Steve Lighthill x3940.
- * 9/11, Mary Ann Harness and Kimberlee Buter will be staffing the agency air show exhibit at the Kirksville, MO. Air Show. The Beechcraft King Air will be flying in for static display. POC: Mary Ann Harness x3446.

*** Pending media products**

- Photo feature, AREES teacher's tour of DAOF
- Possible video segment for *This Week@NASA*, AREES teacher's tour of DAOF.
- Feature story, Dryden & space shuttle series, F-15B LIFT project.
- Status report, DC-8 Methane Sounder mission (BH)
- Status report, HIPO /FLITCAM installation on SOFIA (BH)
- Status report, Global Hawk #872 checkout flights for HS3 mission (BH)
- Feature story, Channeled Center-body Inlet Experiment (ARMD-GC)

Tours

- * 8/30, AF Public Tour
- * 8/31, Home School

X/External Affairs – Cam Martin

Major Events:

AFFTC/95th ABW:

Retirement Ceremony:

AFFTC Vice Commander Colonel Steve O'Connor's Retirement Ceremony,
Thurs, 1 Sept 11, 10:00 am-11:00 am, Hangar 1207,

Reception-TPS lounge.

Dress is Business Casual for Civilian guests.

R.s.v.p. by 31 August 2011 POC: [AFFTC Protocol](#) 661-277-1190

Government Relations: Legislative and Intergovernmental Affairs

Both Houses of Congress are in a district work period until September 9th.

Visitors:

August 30 Mr. Lee Fink Head of NASA HQ Office of Legislative and Intergovernmental Affairs Outreach Division

Other Items of Interest:

Last week's (August 24th) National Academy of Sciences **Aeronautics Research and Technology Roundtable**

Leaders from industry, universities, and NASA gathered to explore critical issues related to NASA's aeronautics research agenda.

NASA Administrator Charles Bolden's remarks are at this link:

<http://www8.nationalacademies.org/onpinews/newsitem.aspx?RecordID=08252011>

X/Employee Assistance Program — Kathy Christian

This week:

Dryden: Staffing daily.

DAOF: Staffing at the DAOF Thursday 9-6 in room N211. For an appointment or consultation please call Monique Pierre-Louis at x2034.

Organizational News: EAP is happy to announce that Monique Pierre-Louis, EAP Co-op will be staying on for another year.

*****Workplace Violence Prevention Training: MANDATORY FOR ALL EMPLOYEES- CIVIL SERVANTS AND CONTRACTORS- GENERAL SESSIONS FOR NON-SUPERVISORS (attend one only): Wednesday, 9/21 or Wednesday 9/28 or Thursday 9/29 10am-11am at Dryden in the ISF. DAOF and AERO broadcast locations TBA.**

SESSIONS FOR SUPERVISORS will be scheduled for October. Stay tuned for details!!!

EAP Supports Employee Wellness- In addition to the 30 minute “Walk With Ella” from 8-8:30AM Tues-Friday, Dryden Employees are invited to attend a 30 minute session “Chair Pilates” beginning Wednesday, 8/31.

Did you know that sitting for long periods can cause muscle tension, pain, lethargy, anxiety and all kinds of other horrible things? Come to this new activity to be held in CR 4800-1410 starting 8/31 on M,W,F from 12:30-1. No special attire or shoes needed- No previous experience required- we will supply the equipment! By concentrating on proper posture and practicing some simple stretches and using a resistance band while sitting in a chair, you will feel better and work smarter!! Space is limited- come early!